

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2000-87

FOR

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Sonoma County

Groundwater Monitoring, Sampling & Reporting

MONITORING

1. The presence or absence of floating product shall be checked quarterly in all groundwater monitoring wells except wells 8, 10, 11, & 12. If product is present, the thickness shall be measured to 0.01-foot increments.
2. The depth to groundwater shall be measured quarterly in all groundwater monitoring, to at least 0.01-foot increments. The results shall be reported in tabular form indicating the surveyed elevation of each well reference point, depth to groundwater from the reference point and the actual groundwater elevation. The data generated from the elevation readings must be referenced to mean sea level. Elevation contour maps must be included showing the direction of groundwater flow.

SAMPLING

3. Groundwater samples shall be collected quarterly from all groundwater monitoring wells except wells 8, 10, 11 & 12. Samples shall be also collected annually from groundwater monitoring wells 10 and 11. The analyses shall be performed by a State of California certified laboratory for Total Petroleum Hydrocarbons as gasoline (TPHg) and diesel (TPHd), benzene, toluene, ethylbenzene and xylenes (BTEX), gasoline oxygenates and chlorinated hydrocarbons (leaded gasoline additives). EPA Method 8260 must be used for analyzing for gasoline oxygenates and chlorinated hydrocarbons.

REPORTING

4. Groundwater monitoring and sampling reports shall be submitted for each quarter as follows:

First Quarter	= January, February, March	Report Due April 15 th
Second Quarter	= April, May, June	Report Due July 15 th
Third Quarter	= July, August, September	Report Due October 15 th
Fourth Quarter	= October, November, December	Report Due January 15 th

NPDES Sampling & Reporting

SAMPLING

5. Effluent samples shall be collected daily for five (5) consecutive days upon each system startup. Samples shall be submitted for 24-hour or, the effluent shall be disposed under permit to the City of Santa Rosa sewer system or held onsite pending analytical results prior to discharge. After proving compliance with effluent limitations, sampling shall be conducted weekly for three consecutive weeks followed by monthly sampling for one year. After one year of compliance, sampling may be conducted quarterly. This schedule is dependent upon system efficiency and compliance with General NPDES Permit Order NO. 95-88 and subsequent NPDES permit requirements.
6. Influent samples shall be collected weekly for the first four weeks, followed by monthly for one year and quarterly thereafter.
7. Influent and effluent samples shall be analyzed for TPHg, TPHd, BTEX, and gasoline additives including oxygenates and lead scavengers using EPA Method 8260.

REPORTING

8. Verbal reports shall be provided daily during the first week and weekly for the next three weeks of system operation. The analytical results shall be faxed to Regional Water Board staff when they become available. All analytical results shall be included in a monthly status report due on the 15th of each month. Any detection in effluent samples shall be reported immediately to Regional Water Board staff.

Ordered by _____
Lee A. Michlin
Executive Officer

December 8, 2000